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**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

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In Re the Application of:	Robert M. Porter, Anatoli V. Ledenev, and Gennady G. Gurov
Serial Number:	10/030,379
Filed:	January 2, 2002
Title:	Multiple Element Rectification Circuit
TC/A.U:	2838
Examiner:	Adolf D. Berhane
Assignee:	Advanced Energy Industries, Inc.
Attorney Docket:	AEI VRM USNP1
Customer No.	33549

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**AMENDMENT AND REQUEST FOR RECONSIDERATION  
AFTER FINAL OFFICE ACTION UNDER 37 C.F.R. § 1.116**

**I. INTRODUCTORY REMARKS**

This Amendment and Request for Reconsideration is in response to the office communication mailed March 25, 2005. The Assignee submits this amendment to the claims in order to amend substantively rejected independent claims so as to each include the limit(s) of an allowed claim that depended therefrom (and, limit(s) of any intervening claims where they appear). Thus, all claims remaining in the case after entry of this amendment were allowed in the final office action or depend from such an allowed claim. This amendment and request for reconsideration is intended to fully address the Office's March 25, 2005 action and place the application in condition for allowance. The Assignee requests that the Office amend the claims as indicated herein and allow the case at its earliest convenience.

**Amendments to the Claims begin on page 2 of this paper.**

**Remarks begin on page 19 of this paper.**